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INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, DKILIT, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 17:09:49 ON 13 AUG 2002

111 FILES IN THE FILE LIST IN STNINDEX

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=> s fusion and Ra12 and mycobacterium

5 FILE CAPLUS

38 FILES SEARCHED...

1 FILE BIOTECHABS

1 FILE BIOTECHDS

23 FILE DGENE

64 FILES SEARCHED...

2 FILE TOXCENTER

20 FILE USPATFULL

2 FILE WPIDS

2 FILE WPINDEX

95 FILES SEARCHED...

14 FILE PCTFULL

9 FILES HAVE ONE OR MORE ANSWERS, 111 FILES SEARCHED IN STNINDEX

L1 QUE FUSION AND RA12 AND MYCOBACTERIUM

=> file hits

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SINCE FILE	TOTAL
ENTRY	SESSION
2.65	3.07

FULL ESTIMATED COST

FILE 'DGENE' ENTERED AT 17:12:52 ON 13 AUG 2002

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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 17:12:52 ON 13 AUG 2002

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=> s l1 and (fusion (w) protein) and expression

L2 4 FILE DGENE
L3 20 FILE USPATFULL
L4 14 FILE PCTFULL
L5 4 FILE CAPLUS
L6 2 FILE TOXCENTER
L7 1 FILE WPIDS
L8 0 FILE BIOTECHDS

TOTAL FOR ALL FILES

L9 45 L1 AND (FUSION (W) PROTEIN) AND EXPRESSION

=> dup rem l9

DUPLICATE IS NOT AVAILABLE IN 'DGENE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L9

L10 42 DUP REM L9 (3 DUPLICATES REMOVED)

=> d ibib abs l10 1-42

L10 ANSWER 1 OF 42 USPATFULL

ACCESSION NUMBER: 2002:171861 USPATFULL

TITLE: Compositions and methods for the diagnosis and treatment of herpes simplex virus infection

INVENTOR(S): Hosken, Nancy A., Seattle, WA, UNITED STATES
Day, Craig H., Seattle, WA, UNITED STATES
Dillon, Davin C., Issaquah, WA, UNITED STATES
McGowan, Patrick, Seattle, WA, UNITED STATES
Sleath, Paul R., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002090610	A1	20020711
APPLICATION INFO.:	US 2001-894998	A1	20010628 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-277438P	20010320 (60)
	US 2000-215458P	20000629 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6266	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds and methods for the diagnosis and treatment of HSV infection are provided. The compounds comprise polypeptides that contain at least one antigenic portion of an HSV polypeptide and DNA sequences encoding such polypeptides. Pharmaceutical compositions and vaccines comprising such polypeptides or DNA sequences are also provided, together with antibodies directed against such polypeptides. Diagnostic kits are also provided comprising such polypeptides and/or DNA sequences and a suitable detection reagent for the detection of HSV infection in patients and in biological samples.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 42 USPATFULL

ACCESSION NUMBER: 2002:164685 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis
of colon cancer
INVENTOR(S): Meagher, Madeleine Joy, Seattle, WA, UNITED STATES
King, Gordon E., Shoreline, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002086303	A1	20020704
APPLICATION INFO.:	US 2001-878134	A1	20010607 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-210667P	20000609 (60)
	US 2000-252614P	20001122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8276	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 42 USPATFULL

ACCESSION NUMBER: 2002:164385 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis
of breast cancer
INVENTOR(S): Jiang, Yuqiu, Kent, WA, UNITED STATES
Dillon, Davin C., Issaquah, WA, UNITED STATES
Mitcham, Jennifer L., Redmond, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES
Hepler, William T., Seattle, WA, UNITED STATES
Henderson, Robert A., Edmonds, WA, UNITED STATES
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002085998	A1	20020704
APPLICATION INFO.:	US 2001-834759	A1	20010413 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-620405, filed on 20 Jul 2000, PENDING Continuation-in-part of Ser. No. US 2000-604287, filed on 22 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-590751, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-551621, filed on 17 Apr 2000, PENDING Continuation-in-part of Ser. No. US 1999-433826, filed on 3 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1999-389681, filed on 2 Sep 1999, PENDING		

Continuation-in-part of Ser. No. US 1999-339338, filed
on 23 Jun 1999, PENDING Continuation-in-part of Ser.
No. US 1999-285480, filed on 2 Apr 1999, PENDING
Continuation-in-part of Ser. No. US 1998-222575, filed
on 28 Dec 1998, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 12170
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer,
particularly breast cancer, are disclosed. Illustrative compositions
comprise one or more breast tumor polypeptides, immunogenic portions
thereof, polynucleotides that encode such polypeptides, antigen
presenting cell that expresses such polypeptides, and T cells that are
specific for cells expressing such polypeptides. The disclosed
compositions are useful, for example, in the diagnosis, prevention
and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157612 USPATFULL
TITLE: Compositions and methods for the therapy, diagnosis and
monitoring of breast cancer
INVENTOR(S): Fanger, Gary R., Mill Creek, WA, UNITED STATES
Foy, Teresa M., Federal Way, WA, UNITED STATES
Houghton, Raymond L., Bothell, WA, UNITED STATES
Reed, Steven G., Bellevue, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002082216	A1	20020627
APPLICATION INFO.:	US 2001-757417	A1	20010108 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-580376, filed on 26 May 2000, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	73		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	32 Drawing Page(s)		
LINE COUNT:	2697		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy, diagnosis and monitoring of
breast cancer are disclosed. Compositions may comprise one or more
mammaglobin epitopes, or antibodies or T cells thereto, and may be used,
for example, for the prevention and treatment of breast cancer.
Diagnostic methods based on detecting the presence of mammaglobin
epitopes, or antibodies or T cells thereto, in a sample are also
provided. Also provided are methods for detecting RNA encoding
mammaglobin in patient blood or fractions thereof. These methods may be
used to detect and/or monitor the progression of breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157603 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis
of pancreatic cancer

INVENTOR(S): Hirst, Shannon K., Kirkland, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES
Dillon, Davin C., Issaquah, WA, UNITED STATES
Kalos, Michael D., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002082207	A1	20020627
APPLICATION INFO.:	US 2001-872153	A1	20010531 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-291197P	20010515 (60)
	US 2000-248980P	20001114 (60)
	US 2000-210329P	20000607 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4564	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157081 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of prostate cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES
Dillon, Davin C., Issaquah, WA, UNITED STATES
Mitcham, Jennifer L., Redmond, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES
Jiang, Yuqiu, Kent, WA, UNITED STATES
Kalos, Michael D., Seattle, WA, UNITED STATES
Fanger, Gary R., Mill Creek, WA, UNITED STATES
Retter, Marc W., Carnation, WA, UNITED STATES
Stolk, John A., Bothell, WA, UNITED STATES
Day, Craig H., Seattle, WA, UNITED STATES
Vedvick, Thomas S., Federal Way, WA, UNITED STATES
Carter, Darrick, Seattle, WA, UNITED STATES
Li, Samuel X., Redmond, WA, UNITED STATES
Wang, Aijun, Issaquah, WA, UNITED STATES
Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES
Hepler, William T., Seattle, WA, UNITED STATES
Henderson, Robert A., Edmonds, WA, UNITED STATES
Hural, John, Bainbridge Island, WA, UNITED STATES
McNeill, Patricia D., Federal Way, WA, UNITED STATES
Houghton, Raymond L., Bothell, WA, UNITED STATES
de Bassols, Carlota Vinals, Rixensart, BELGIUM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002081680	A1	20020627
APPLICATION INFO.:	US 2001-822827	A1	20010328 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-780669, filed		

on 9 Feb 2001, PENDING Continuation-in-part of Ser. No.
US 2000-679272, filed on 4 Oct 2000, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-157455P	20000417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	7692	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 42 USPATFULL

ACCESSION NUMBER: 2002:157010 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of breast cancer
INVENTOR(S): Dillon, Davin C., Issaquah, WA, UNITED STATES
Day, Craig H., Shoreline, WA, UNITED STATES
Jiang, Yuqiu, Kent, WA, UNITED STATES
Houghton, Raymond L., Bothell, WA, UNITED STATES
Mitcham, Jennifer L., Redmond, WA, UNITED STATES
Wang, Tongtong, Medina, WA, UNITED STATES
McNeill, Patricia D., Federal Way, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002081609	A1	20020627
APPLICATION INFO.:	US 2001-910689	A1	20010720 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-778320, filed on 6 Feb 2001, PENDING Continuation-in-part of Ser. No. US 2000-571025, filed on 15 May 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-545068, filed on 7 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2000-523586, filed on 10 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-510662, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-451651, filed on 30 Nov 1999, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
LINE COUNT:	8643		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly breast cancer, are disclosed. Illustrative compositions comprise one or more breast tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are

specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 42 USPATFULL

ACCESSION NUMBER: 2002:156724 USPATFULL
TITLE: Leishmania antigens for use in the therapy and diagnosis of leishmaniasis
INVENTOR(S): Reed, Steven G., Bellevue, WA, UNITED STATES
Campos-Neto, Antonio, Bainbridge Island, WA, UNITED STATES
Webb, John R., Manotick, CANADA
Dillon, Davin C., Issaquah, WA, UNITED STATES
Skeiky, Yasir A.W., Bellevue, WA, UNITED STATES
Bhatia, Ajay, Seattle, WA, UNITED STATES
Coler, Rhea N., Seattle, WA, UNITED STATES
Probst, Peter, Seattle, WA, UNITED STATES
Brannon, Mark, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002081320	A1	20020627
APPLICATION INFO.:	US 2001-874923	A1	20010604 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-639206, filed on 14 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-565501, filed on 5 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-551974, filed on 14 Apr 2000, PENDING Continuation-in-part of Ser. No. US 1998-183861, filed on 30 Oct 1998, PENDING Continuation-in-part of Ser. No. US 1998-22765, filed on 12 Feb 1998, PENDING Continuation-in-part of Ser. No. US 1997-920609, filed on 27 Aug 1997, PENDING Continuation-in-part of Ser. No. US 1997-798841, filed on 12 Feb 1997, PENDING Continuation-in-part of Ser. No. US 1995-533669, filed on 22 Sep 1995, GRANTED, Pat. No. US 5834592		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	33 Drawing Page(s)		
LINE COUNT:	7337		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for preventing, treating and detecting leishmaniasis and stimulating immune responses in patients are disclosed. The compounds provided include polypeptides that contain at least an immunogenic portion of one or more Leishmania antigens, or a variant thereof. Vaccines and pharmaceutical compositions comprising such polypeptides, or polynucleotides encoding such polypeptides, are also provided and may be used, for example, for the prevention and therapy of leishmaniasis, as well as for the detection of Leishmania infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 42 USPATFULL

ACCESSION NUMBER: 2002:148580 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of pancreatic cancer
INVENTOR(S): Pyle, Ruth A., Seattle, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES

PATENT ASSIGNEE(S): Kalos, Michael D., Seattle, WA, UNITED STATES
Corixa Corporation, Seattle, WA, UNITED STATES, 98104
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002076721	A1	20020620
APPLICATION INFO.:	US 2001-923779	A1	20010806 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-291201P	20010515 (60)
	US 2001-265447P	20010130 (60)
	US 2000-223130P	20000807 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6456	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 42 USPATFULL

ACCESSION NUMBER: 2002:148277 USPATFULL
TITLE: Compounds for immunotherapy and diagnosis of colon
cancer and methods for their use
INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES
Lodes, Michael J., Seattle, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES
Benson, Darin R., Seattle, WA, UNITED STATES
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES
Stolk, John A., Bothell, WA, UNITED STATES
Wang, Tongtong, Medina, WA, UNITED STATES
Jiang, Yuqiu, Kent, WA, UNITED STATES
Smith, Carole L., Seattle, WA, UNITED STATES
King, Gordon E., Shoreline, WA, UNITED STATES
Wang, Aijun, Issaquah, WA, UNITED STATES
Clapper, Jonathan D., Seattle, WA, UNITED STATES
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002076414	A1	20020620
APPLICATION INFO.:	US 2001-922217	A1	20010803 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-833263, filed on 10 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2000-649811, filed on 28 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-609448, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-575251, filed on 19 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-519444, filed on 6 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-504629, filed on 15 Feb 2000, PENDING		

Continuation-in-part of Ser. No. US 2000-480321, filed on 10 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-476296, filed on 30 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-454150, filed on 2 Dec 1999, ABANDONED Continuation-in-part of Ser. No. US 2000-444252, filed on 10 Apr 2000, PENDING Continuation-in-part of Ser. No. US 1999-401064, filed on 22 Sep 1999, PENDING Continuation-in-part of Ser. No. US 1999-347496, filed on 2 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1998-221298, filed on 23 Dec 1998, PATENTED

	NUMBER	DATE
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PRIORITY INFORMATION:	WO 1999-US30909	19991223
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4905	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 42 USPTAFULL
 ACCESSION NUMBER: 2002:133434 USPTAFULL
 TITLE: Compositions and methods for the therapy and diagnosis of breast cancer
 INVENTOR(S): Frudakis, Tony N., Sarasota, FL, UNITED STATES
 Reed, Steven G., Bellevue, WA, UNITED STATES
 Smith, John M., Columbia Heights, MN, UNITED STATES
 Misher, Lynda E., Seattle, WA, UNITED STATES
 Dillon, Davin C., Issaquah, WA, UNITED STATES
 Retter, Marc W., Carnation, WA, UNITED STATES
 Wang, Aijun, Issaquah, WA, UNITED STATES
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES
 Harlocker, Susan L., Seattle, WA, UNITED STATES
 Day, Craig H., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2002068285	A1	20020606
APPLICATION INFO.:	US 2001-810936	A1	20010316 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-699295, filed on 26 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-590583, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-577505, filed on 24 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-534825, filed on 23 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1999-429755, filed on 28 Oct 1999, PENDING Continuation-in-part of Ser. No. US 1999-289198, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1998-62451, filed		

on 17 Apr 1998, PENDING Continuation-in-part of Ser.
No. US 1997-991789, filed on 11 Dec 1997, GRANTED, Pat.
No. US 6225054 Continuation-in-part of Ser. No. US
1997-838762, filed on 9 Apr 1997, ABANDONED
Continuation-in-part of Ser. No. US 1996-700014, filed
on 20 Aug 1996, ABANDONED Continuation-in-part of Ser.
No. US 1996-585392, filed on 11 Jan 1996, ABANDONED
Utility

DOCUMENT TYPE: APPLICATION
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 22 Drawing Page(s)
LINE COUNT: 8540

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer,
particularly breast cancer, are disclosed. Illustrative compositions
comprise one or more breast tumor polypeptides, immunogenic portions
thereof, polynucleotides that encode such polypeptides, antigen
presenting cell that expresses such polypeptides, and T cells that are
specific for cells expressing such polypeptides. The disclosed
compositions are useful, for example, in the diagnosis, prevention
and/or treatment of diseases, particularly breast cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 42 USPATFULL

ACCESSION NUMBER: 2002:119860 USPATFULL
TITLE: Compounds and methods for treatment and diagnosis of
chlamydial infection
INVENTOR(S): Bhatia, Ajay, Seattle, WA, UNITED STATES
Skeiky, Yasir A.W., Bellevue, WA, UNITED STATES
Probst, Peter, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061848	A1	20020523
APPLICATION INFO.:	US 2001-841132	A1	20010423 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-620412, filed on 20 Jul 2000, UNKNOWN		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Page(s)		
LINE COUNT:	5318		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds and methods for the diagnosis and treatment of Chlamydial
infection are disclosed. The compounds provided include polypeptides
that contain at least one antigenic portion of a Chlamydia antigen and
DNA sequences encoding such polypeptides. Pharmaceutical compositions
and vaccines comprising such polypeptides or DNA sequences are also
provided, together with antibodies directed against such polypeptides.
Diagnostic kits containing such polypeptides or DNA sequences and a
suitable detection reagent may be used for the detection of Chlamydial
infection in patients and in biological samples.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 13 OF 42 USPATFULL

ACCESSION NUMBER: 2002:99428 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis

INVENTOR(S):

of lung cancer

Wang, Tongtong, Medina, WA, UNITED STATES
Fan, Liqun, Bellevue, WA, UNITED STATES
Kalos, Michael D., Seattle, WA, UNITED STATES
Bangur, Chaitanya S., Seattle, WA, UNITED STATES
Hosken, Nancy A., Seattle, WA, UNITED STATES
Fanger, Gary R., Mill Creek, WA, UNITED STATES
Li, Samuel X., Redmond, WA, UNITED STATES
Wang, Aijun, Issaquah, WA, UNITED STATES
Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES
Henderson, Robert A., Edmonds, WA, UNITED STATES
McNeill, Patricia D., Des Moines, WA, UNITED STATES
Fanger, Neil, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002052329	A1	20020502
APPLICATION INFO.:	US 2000-735705	A1	20001212 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-685696, filed on 9 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-662786, filed on 15 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-643597, filed on 21 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-630940, filed on 2 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-606421, filed on 28 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-542615, filed on 4 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2000-510376, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 2000-480884, filed on 10 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-476496, filed on 30 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-466396, filed on 17 Dec 1999, PENDING Continuation-in-part of Ser. No. US 1999-285479, filed on 2 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1998-221107, filed on 22 Dec 1998, PENDING Continuation-in-part of Ser. No. US 1998-123912, filed on 27 Jul 1998, GRANTED, Pat. No. US 6312695 Continuation-in-part of Ser. No. US 1998-40802, filed on 18 Mar 1998, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Page(s)		
LINE COUNT:	13060		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly lung cancer, are disclosed. Illustrative compositions comprise one or more lung tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 14 OF 42 USPATFULL

ACCESSION NUMBER: 2002:99081 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of prostate cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES

Dillon, Davin C., Issaquah, WA, UNITED STATES
 Mitcham, Jennifer L., Redmond, WA, UNITED STATES
 Harlocker, Susan L., Seattle, WA, UNITED STATES
 Jiang, Yuqiu, Kent, WA, UNITED STATES
 Kalos, Michael D., Seattle, WA, UNITED STATES
 Fanger, Gary R., Mill Creek, WA, UNITED STATES
 Retter, Marc W., Carnation, WA, UNITED STATES
 Stolk, John A., Bothell, WA, UNITED STATES
 Day, Craig H., Seattle, WA, UNITED STATES
 Vedvick, Thomas S., Federal Way, WA, UNITED STATES
 Carter, Darrick, Seattle, WA, UNITED STATES
 Li, Samuel X., Redmond, WA, UNITED STATES
 Wang, Aijun, Issaquah, WA, UNITED STATES
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES
 Hepler, William T., Seattle, WA, UNITED STATES
 Henderson, Robert A., Edmonds, WA, UNITED STATES
 Hural, John, Bainbridge Island, WA, UNITED STATES
 McNeill, Patricia D., Des Moines, WA, UNITED STATES
 Houghton, Raymond L., Bothell, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002051977	A1	20020502
APPLICATION INFO.:	US 2001-780669	A1	20010209 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-759143, filed on 12 Jan 2001, PENDING Continuation-in-part of Ser. No. US 2000-709729, filed on 9 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-685166, filed on 10 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-679426, filed on 2 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-657279, filed on 6 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-651236, filed on 29 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-636215, filed on 10 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-605783, filed on 27 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-593793, filed on 13 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-510737, filed on 1 May 2000, GRANTED, Pat. No. US 6219981 Continuation-in-part of Ser. No. US 2000-568100, filed on 9 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-536857, filed on 27 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-483672, filed on 14 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-443686, filed on 18 Nov 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-439313, filed on 12 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999, PENDING Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998, PENDING Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998, GRANTED, Pat. No. US 6262245 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998, GRANTED, Pat. No. US 6261562 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, ABANDONED Continuation-in-part of Ser. No. WO 1998-US3492, filed on 25 Feb 1998, UNKNOWN Continuation-in-part of Ser. No. WO 1999-US15838, filed on 14 Jul 1999, UNKNOWN		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Page(s)
LINE COUNT: 7556

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 42 USPATFULL

ACCESSION NUMBER: 2002:72987 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of colon cancer
INVENTOR(S): Jiang, Yuqiu, Kent, WA, UNITED STATES
Hepler, William T., Seattle, WA, UNITED STATES
Clapper, Jonathan D., Seattle, WA, UNITED STATES
Wang, Aijun, Issaquah, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002040127	A1	20020404
APPLICATION INFO.:	US 2001-878722	A1	20010608 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-256571P	20001218 (60)
	US 2000-210821P	20000609 (60)
	US 2001-290240P	20010510 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVE, SUITE 6300, SEATTLE, WA, 98104-7092
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 8110

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as colon cancer, are disclosed. Compositions may comprise one or more colon tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a colon tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as colon cancer. Diagnostic methods based on detecting a colon tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 42 USPATFULL

ACCESSION NUMBER: 2002:37531 USPATFULL
TITLE: Compositions and methods for the therapy and diagnosis of prostate cancer

INVENTOR(S):

Xu, Jiangchun, Bellevue, WA, UNITED STATES
 Dillon, Davin C., Issaquah, WA, UNITED STATES
 Mitcham, Jennifer L., Redmond, WA, UNITED STATES
 Harlocker, Susan L., Seattle, WA, UNITED STATES
 Jiang, Yuqiu, Kent, WA, UNITED STATES
 Kalos, Michael D., Seattle, WA, UNITED STATES
 Fanger, Gary R., Mill Creek, WA, UNITED STATES
 Retter, Marc W., Carnation, WA, UNITED STATES
 Stolk, John A., Bothell, WA, UNITED STATES
 Day, Craig H., Seattle, WA, UNITED STATES
 Vedvick, Thomas S., Federal Way, WA, UNITED STATES
 Carter, Darrick, Seattle, WA, UNITED STATES
 Li, Samuel X., Redmond, WA, UNITED STATES
 Wang, Aijun, Issaquah, WA, UNITED STATES
 Skeiky, Yasir A. W., Bellevue, WA, UNITED STATES
 Hepler, William T., Seattle, WA, UNITED STATES
 Henderson, Robert A., Edmonds, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002022248	A1	20020221
APPLICATION INFO.:	US 2001-759143	A1	20010112 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-685166, filed on 10 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-679426, filed on 2 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-657279, filed on 6 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-651236, filed on 29 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-636215, filed on 10 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-605783, filed on 27 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-593793, filed on 13 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-570737, filed on 12 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-568100, filed on 9 May 2000, PENDING Continuation-in-part of Ser. No. US 2000-536857, filed on 27 Mar 2000, PENDING Continuation-in-part of Ser. No. US 2000-483672, filed on 14 Jan 2000, PENDING Continuation-in-part of Ser. No. US 1999-443686, filed on 18 Nov 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-439313, filed on 12 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999, PENDING Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999, PENDING Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999, PENDING Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998, PENDING Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998, GRANTED, Pat. No. US 6262245 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998, GRANTED, Pat. No. US 6261562 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Page(s)		
LINE COUNT:	7383		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

AB Compositions and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compositions comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 42 USPATFULL

ACCESSION NUMBER: 2002:16583 USPATFULL

TITLE: **FUSION PROTEINS OF MYCOBACTERIUM TUBERCULOSIS ANTIGENS AND THEIR USES**

INVENTOR(S): REED, STEVEN G., BELLEVUE, WA, UNITED STATES
SKEIKY, YASIR A., SEATTLE, WA, UNITED STATES
DILLON, DAVIN C., REDMOND, WA, UNITED STATES
ALDERSON, MARK, BAINBRIDGE ISLAND, WA, UNITED STATES
CAMPOS-NETO, ANTONIO, BAINBRIDGE, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002009459	A1	20020124
APPLICATION INFO.:	US 1999-287849	A1	19990407 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-223040, filed on 30 Dec 1998, PENDING Continuation-in-part of Ser. No. US 1998-56556, filed on 7 Apr 1998, PENDING Continuation-in-part of Ser. No. US 1998-25197, filed on 18 Feb 1998, ABANDONED Continuation-in-part of Ser. No. US 1997-942578, filed on 1 Oct 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-818112, filed on 13 Mar 1997, GRANTED, Pat. No. US 6290969		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ANNETTE S. PARENT, TOWNSEND AND TOWNSEND AND CREW LLP, TWO EMBARCADERO CENTER, 8TH FLOOR, SAN FRANCISCO, CA, 94111-3834		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Page(s)		
LINE COUNT:	1524		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **fusion proteins** containing at least two **Mycobacterium tuberculosis** antigens. In particular, it relates to **bi-fusion proteins** which contain two individual M. tuberculosis antigens, **tri-fusion proteins** which contain three M. tuberculosis antigens, **tetra-fusion proteins** which contain four M. tuberculosis antigens, and **penta-fusion proteins** which contain five M. tuberculosis antigens, and methods for their use in the diagnosis, treatment and prevention of tuberculosis infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 18 OF 42 USPATFULL

ACCESSION NUMBER: 2002:8491 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of ovarian cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, UNITED STATES
Stolk, John A., Bothell, WA, UNITED STATES
Algate, Paul A., Issaquah, WA, UNITED STATES
Fling, Steven P., Bainbridge Island, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004491	A1	20020110
APPLICATION INFO.:	US 2001-825294	A1	20010403 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-713550, filed on 14 Nov 2000, PENDING Continuation-in-part of Ser. No. US 2000-656668, filed on 7 Sep 2000, PENDING Continuation-in-part of Ser. No. US 2000-640173, filed on 15 Aug 2000, PENDING Continuation-in-part of Ser. No. US 2000-561778, filed on 1 May 2000, PENDING Continuation-in-part of Ser. No. US 1999-394374, filed on 10 Sep 1999, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7385		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 19 OF 42 USPATFULL

ACCESSION NUMBER: 2002:188122 USPATFULL
 TITLE: Compositions and methods for the therapy and diagnosis of lung cancer
 INVENTOR(S): Wang, Tongtong, Medina, WA, United States
 Fan, Liqun, Bellevue, WA, United States
 Kalos, Michael D., Seattle, WA, United States
 Bangur, Chaitanya S., Seattle, WA, United States
 Hosken, Nancy A., Seattle, WA, United States
 Fanger, Gary R., Mill Creek, WA, United States
 Li, Samuel X., Redmond, WA, United States
 Wang, Aijun, Issaquah, WA, United States
 Skeiky, Yasir A. W., Bellevue, WA, United States
 Henderson, Robert A., Edmonds, WA, United States
 McNeill, Patricia D., Des Moines, WA, United States
 PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6426072	B1	20020730
APPLICATION INFO.:	US 2000-643597		20000821 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-630940, filed on 2 Aug 2000		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Borin, Michael		
ASSISTANT EXAMINER:	Zhou, Shubo		
LEGAL REPRESENTATIVE:	Seed Intellectual Property Law Group PLLC		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	12270		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as lung cancer, are disclosed. Compositions may comprise one or more lung tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a lung tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as lung cancer. Diagnostic methods based on detecting a lung tumor protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 20 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002058534 PCTFULL ED 20020809 EW 200231
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF COLON CANCER
TITLE (FRENCH): COMPOSITIONS ET METHODES POUR LE TRAITEMENT ET LE
DIAGNOSTIC DU CANCER DU COLON
INVENTOR(S): STOLK, John, A.; XU, Jiangchun; CHENAULT, Ruth, A.;
MEAGHER, Madeleine, Joy; SECRIST, Heather; KING,
Gordon, E.
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; STOLK, John, A., for US only; XU, Jiangchun, for US
only; CHENAULT, Ruth, A., for US only; MEAGHER,
Madeleine, Joy, for US only; SECRIST, Heather, for US
only; KING, Gordon, E., for US only
AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002058534	A2	20020801
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US43704	A	20011119
PRIORITY INFO.:	US 2000-60/252,222		20001120
	US 2001-60/267,011		20010206
	US 2001-60/279,670		20010328
	US 2001-60/304,037		20010710

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR La presente invention concerne des compositions et des methodes pour le traitement et le diagnostic d'un cancer, en particulier le cancer du colon. Ces compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des portions immunogenes de ceux-ci, des polynucleotides codant pour ces polypeptides, un antigene dont une cellule exprime ces polypeptides, et des lymphocytes T specifiques des cellules exprimant ces polypeptides. Les compositions decrites dans cette invention sont utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, en particulier le cancer du

colon.

L10 ANSWER 21 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002053017 PCTFULL ED 20020723 EW 200228
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY, DIAGNOSIS AND
MONITORING OF BREAST CANCER
TITLE (FRENCH): COMPOSITIONS ET METHODES DESTINEES A LA THERAPIE, AU
DIAGNOSTIC ET LA SURVEILLANCE DU CANCER DU SEIN
INVENTOR(S): FLING, Steven, P.; FOY, Teresa, M.; CLAPPER, Jonathan,
D.; WANG, Aijun; JOHNSON, Jeffrey, C.; MCNEILL,
Patricia, D.; SUTHERLAND, R., Alec
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; FLING, Steven, P., for US only; FOY, Teresa, M.,
for US only; CLAPPER, Jonathan, D., for US only; WANG,
Aijun, for US only; JOHNSON, Jeffrey, C., for US only;
MCNEILL, Patricia, D., for US only; SUTHERLAND, R.,
Alec, for US only
AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002053017	A2	20020711
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2002-US3057	A	20020108
PRIORITY INFO.:	US 2001-09/757,417		20010108
	US 2001-10/008,045		20011108

ABEN Compositions and methods for the therapy, diagnosis and monitoring of
breast cancer are disclosed. Compositions may comprise one or more
mammaglobin epitopes, or antibodies or T cells thereto, and may be used,
for example, for the prevention and treatment of breast cancer.
Diagnostic methods based on detecting the presence of mammaglobin
epitopes, or antibodies or T cells thereto, in a sample are also
provided. Also provided are methods for detecting RNA encoding
mammaglobin in patient blood or fractions thereof. These methods may be
used to detect and/or monitor the progression of breast cancer.

ABFR L'invention concerne des compositions et des methodes destinees a la
therapie, au diagnostic et a la surveillance du cancer du sein. Les
compositions peuvent renfermer un ou plusieurs epitopes de mammaglobine
ou des anticorps ou des lymphocytes T de ceux-ci, et peuvent etre
utilisees, par exemple, pour la prevention et le traitement du cancer du
sein. L'invention concerne egalement des methodes diagnostiques fondees
sur la detection de la presence d'epitopes de mammaglobine, ou
d'anticorps ou de lymphocytes T de ceux-ci dans un echantillon.
L'invention concerne enfin des methodes de detection d'un ARN codant une
mammaglobine dans le sang d'un patient ou dans des fractions du sang.
Ces methodes peuvent etre mises en oeuvre pour detecter et/ou surveiller
la progression du cancer du sein.

L10 ANSWER 22 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002047534 PCTFULL ED 20020709 EW 200225
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF LUNG CANCER
TITLE (FRENCH): COMPOSITIONS ET PROCEDES POUR LA THERAPIE ET LE
DIAGNOSTIC DU CANCER DES POUMONS

INVENTOR(S): WANG, Tongtong; WANG, Aijun; SKEIKY, Yasir, A.W.; LI, Samuel, X.; KALOS, Michael, D.; HENDERSON, Robert, A.; MCNEILL, Patricia, D.; FANGER, Neil; RETTER, Marc, W.; DURHAM, Margarita; FANGER, Gary, R.; VEDVICK, Thomas, S.; CARTER, Darrick; WATANABE, Yoshihiro; PECKHAM, David, W.; CAI, Feng; FOY, Teresa, M.

PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; WANG, Tongtong, for US only; WANG, Aijun, for US only; SKEIKY, Yasir, A.W., for US only; LI, Samuel, X., for US only; KALOS, Michael, D., for US only; HENDERSON, Robert, A., for US only; MCNEILL, Patricia, D., for US only; FANGER, Neil, for US only; RETTER, Marc, W., for US only; DURHAM, Margarita, for US only; FANGER, Gary, R., for US only; VEDVICK, Thomas, S., for US only; CARTER, Darrick, for US only; WATANABE, Yoshihiro, for US only; PECKHAM, David, W., for US only; CAI, Feng, for US only; FOY, Teresa, M., for US only

AGENT: CHRISTIANSEN, William, T.

LANGUAGE OF PUBL.: English

LANGUAGE OF FILING: English

DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER	KIND	DATE
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DESIGNATED STATES	WO 2002047534	A2	20020620
	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US47576	A	20011130
PRIORITY INFO.:	US 2000-09/735,705		20001212
	US 2001-09/850,716		20010507
	US 2001-09/897,778		20010628

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly lung cancer, are disclosed. Illustrative compositions comprise one or more lung tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung cancer.

ABFR L'invention concerne des compositions et des procedes pour la therapie et le diagnostic du cancer, notamment du cancer des poumons. Ces compositions renferment des polypeptides de tumeur pulmonaire, des parties immunogenes de ces derniers, des polynucleotides codant de tels polypeptides. Elle concerne une cellule presentant un antigene exprimant de tels polypeptides, ainsi que des cellules T specifiques aux cellules exprimant ces polypeptides. Ces compositions peuvent, par exemple, etre employees pour le diagnostic, la prevention et/ou le traitement de maladies telles que le cancer des poumons.

L10 ANSWER 23 OF 42 PCTFULL COPYRIGHT 2002 Univentio

ACCESSION NUMBER: 2002041763 PCTFULL ED 20020610 EW 200222

TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER

TITLE (FRENCH): COMPOSITIONS ET METHODES PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER DU COLON

INVENTOR(S): JIANG, Yuqiu

PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; JIANG, Yuqiu, for US only

AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002041763	A2	20020530
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US50718	A	20011018
PRIORITY INFO.:	US 2000-60/242,321		20001020

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositiосn are usefel, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention se rapporte a des compositions et a des methodes permettant le diagnostic et le traitement du cancer, et notamment du cancer du colon. Les compositions de la presente invention comporte un ou plusieurs polypeptides de tumeur du colon, des parties immunogenes de tels polypeptides, des polynucleotides qui codent ces polypeptides, une cellule presentatrice d'antigenes qui exprime ces polypeptides ainsi que des lymphocytes T qui sont specifiques des cellules exprimant ces polypeptides. Ces compositions s'averent utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, et notamment du cancer du colon.

L10 ANSWER 24 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002039885 PCTFULL ED 20020610 EW 200221
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF OVARIAN CANCER
TITLE (FRENCH): COMPOSITIONS ET METHODES DESTINEES A LA THERAPIE ET AU DIAGNOSTIC DU CANCER DE L'OVAIRE
INVENTOR(S): XU, Jiangchun; STOLK, John, A.; ALGATE, Paul, A.; FLING, Steven, P.; MOLESH, David, Alan
PATENT ASSIGNEE(S): CORIXA CORPORATION
AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002039885	A2	20020523
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US45395	A	20011113
PRIORITY INFO.:	US 2000-09/713,550		20001114
	US 2001-09/825,294		20010403

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly ovarian cancer.

ABFR L'invention concerne des compositions et des methodes destinees a la therapie et au diagnostic du cancer, en particulier le cancer de l'ovaire. Des compositions de la presente invention comprennent un ou plusieurs polypeptides tumoraux ovariens, des portions immunogenes de ces derniers, des polynucleotides codant ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques pour des cellules exprimant ces polypeptides. Ces compositions sont utiles, par exemple, pour le diagnostic, la preventions et/ou le traitement de pathologies, en particulier le cancer de l'ovaire.

L10 ANSWER 25 OF 42 PCTFULL COPYRIGHT 2002 Univentio
 ACCESSION NUMBER: 2002030458 PCTFULL ED 20020515 EW 200216
 TITLE (ENGLISH): COMPOSITION
 TITLE (FRENCH): COMPOSITION
 INVENTOR(S): HERMAND, Philippe; VANDE VELDE, Vincent
 PATENT ASSIGNEE(S): SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; HERMAND, Philippe, for US only; VANDE VELDE, Vincent, for US only
 AGENT: DALTON, Marcus, Jonathan, William
 LANGUAGE OF PUBL.: English
 LANGUAGE OF FILING: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
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DESIGNATED STATES	WO 2002030458	A1 20020418
	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR	
	CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL	
	IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG	
	MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ	
	TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ	
	SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH	
	CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ	
	CF CG CI CM GA GN GW ML MR NE SN TD TG	
APPLICATION INFO.:	WO 2001-EP3786	A 20010326
PRIORITY INFO.:	GB 2000-0025058.9	20001012

ABEN The present invention relates to adjuvant compositions which are suitable to be used in vaccines. In particular, the adjuvant compositions of the present invention comprises a Yersinia adhesion protein, optionally with a carrier. Also provided by the present invention are vaccines comprising the adjuvants of the present invention and an antigen. Further provided are methods of manufacture of the adjuvants and vaccines of the present invention and their use as medicaments. Methods of treating an individual susceptible to or suffering from a disease by the administration of the vaccines of the present invention are also provided.

ABFR La presente invention concerne des compositions additives pouvant servir de vaccins. Les composition additives selon l'invention contiennent notamment une proteine d'adhesion Yersinia, et eventuellement un porteur. L'invention concerne egalement des vaccins contenant les additifs selon l'invention et un antigene. L'invention concerne par ailleurs des procedes de fabrication des additifs et vaccins selon l'invention et leur utilisation en tant que medicaments. L'invention concerne en outre des procedes de traitement d'un individu susceptible ou souffrant d'une maladie, concernant a administrer les vaccins selon

l'invention.

L10 ANSWER 26 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002028414 PCTFULL ED 20020627 EW 200215
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY
TITLE (FRENCH): COMPOSITIONS ET METHODES D'IMMUNOTHERAPIE SPECIFIQUE A
WT1
INVENTOR(S): MCNEILL, Patricia, D.; SMITHGALL, Molly; MOULTON, Gus;
VEDVICK, Thomas, S.; SLEATH, Paul, R.; MOSSMAN, Sally;
EVANS, Lawrence; SPIES, A., Gregory; BOYDSTON, Jeremy;
GAIGER, Alexander
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; MCNEILL, Patricia, D., for US only; SMITHGALL,
Molly, for US only; MOULTON, Gus, for US only; VEDVICK,
Thomas, S., for US only; SLEATH, Paul, R., for US only;
MOSSMAN, Sally, for US only; EVANS, Lawrence, for US
only; SPIES, A., Gregory, for US only; BOYDSTON,
Jeremy, for US only; GAIGER, Alexander
AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002028414	A1	20020411
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US31139	A	20011003
PRIORITY INFO.:	US 2000-09/684,361		20001006
	US 2000-09/685,830		20001009
	US 2001-09/785,019		20010215
	US 2001-09/938,864		20010824
ABEN	Compositions and methods for the therapy of malignant diseases, such as leukemia and cancer, are disclosed. The compositions comprise one or more of a WT1 polynucleotide, a WT1 polypeptide, an antigen-presenting cell presenting a WT1 polypeptide, an antibody that specifically binds to a WT1 polypeptide; or a T cell that specifically reacts with a WT1 polypeptide. Such compositions may be used, for example, for the prevention and treatment of metastatic diseases.		
ABFR	L'invention concerne des compositions et des methodes de therapie de maladies malignes telles que la leucemie et le cancer. Les compositions contiennent un ou plusieurs des elements comprenant un polynucleotide WT1, un polypeptide WT1, une cellule de presentation d'antigene presentant un polypeptide WT1, un anticorps se fixant specifiquement a un polypeptide WT1; ou un lymphocyte T reagissant specifiquement avec un polypeptide WT1. Ces compositions peuvent etre utilisees, par exemple, dans la prevention et le traitement de maladies metastatiques.		

L10 ANSWER 27 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002024057 PCTFULL ED 20020701 EW 200213
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF LUNG CANCER
TITLE (FRENCH): COMPOSITIONS ET PROCEDES DESTINES A LA THERAPIE ET AU
DIAGNOSTIC DU CANCER DES POUMONS
INVENTOR(S): BENSON, Darin, R.; MOHAMATH, Raodoh; LODES, Michael, J.
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; BENSON, Darin, R., for US only; MOHAMATH, Raodoh,
for US only; LODES, Michael, J., for US only

AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002024057	A2	20020328
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		

APPLICATION INFO.: WO 2001-US42232 A 20010920
PRIORITY INFO.: US 2000-60/234,837 20000922
US 2000-60/239,440 20001010
US 2001-60/301,928 20010629

ABEN Compositions and methods for the therapy and diagnosis of cancer, such as lung cancer, are disclosed. Compositions may comprise one or more lung tumor proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a lung tumor protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as lung cancer. Diagnostic methods based on detecting a lung tumor protein, or mRNA encoding such a protein, in a sample are also provided.

ABFR L'invention concerne des compositions et des procedes destines a la therapie et au diagnostic du cancer, notamment du cancer des poumons. Les compositions selon l'invention peuvent contenir une ou plusieurs proteines de tumeur pulmonaire, des parties immunogenes de ces proteines, ou des polynucleotides codant de telles parties. Par ailleurs, une composition therapeutique peut contenir une cellule presentant un antigene exprimant une proteine de tumeur pulmonaire, ou une cellule T specifique a des cellules exprimant une telle proteine. De telles compositions peuvent par exemple etre employees pour la prevention et le traitement de maladies telles que le cancer des poumons. L'invention concerne egalement des procedes diagnostiques consistant a detecter dans un echantillon une proteine de tumeur pulmonaire ou un ARNm codant une telle proteine.

L10 ANSWER 28 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002016413 PCTFULL ED 20020711 EW 200209
TITLE (ENGLISH): VACCINES
TITLE (FRENCH): VACCINS
INVENTOR(S): CASSART, Jean-Pol; COCHE, Thierry; PALMANTIER, Remi, M.; VINALS Y DE BASSOLS, Carlota
PATENT ASSIGNEE(S): SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; CASSART, Jean-Pol, for US only; COCHE, Thierry, for US only; PALMANTIER, Remi, M., for US only; VINALS Y DE BASSOLS, Carlota, for US only
AGENT: DALTON, Marcus, J., W.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002016413	A2	20020228
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD		

MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS
MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-EP9646 A 20010820
PRIORITY INFO.: GB 2000-0020953.6 20000824

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly lung, colon, colorectal and breast cancer, are disclosed. Illustrative compositions comprise one or more Cripto tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly lung, colon, colorectal and breast cancer.

ABFR L'invention concerne des compositions et des procedes destines au traitement et au diagnostic du cancer, notamment le cancer du poumon, le cancer du colon, le cancer colorectal et le cancer du sein. Les compositions illustrees comprennent un ou plusieurs polypeptides de tumeur Crypto des parties immunogenes de ceux-ci, des polynucleotides codant ces polypeptides, un antigene presentant une cellule exprimant ces polypeptides et des cellules T qui sont specifiques aux cellules exprimant de tels polypeptides. Les compositions de l'invention sont, par exemple, utiles dans le diagnostic, la prevention et/ou le traitement des maladies, notamment le cancer du poumon, le cancer du colon, le cancer colorectal et le cancer du sein.

L10 ANSWER 29 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002014503 PCTFULL ED 20020711 EW 200208
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF HER-2/NEU-ASSOCIATED MALIGNANCIES
TITLE (FRENCH): COMPOSITIONS ET METHODES DE TRAITEMENT ET DE DIAGNOSTIC
DE CANCERS ASSOCIES A HER-2/NEU
INVENTOR(S): HAND-ZIMMERMANN, Susan; CHEEVER, Martin, A.; FOY,
Teresa, M.; LODES, Michael, J.; KALOS, Michael, D.;
MCNEILL, Patricia, D.; VEDVICK, Thomas, S.
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; HAND-ZIMMERMANN, Susan, for US only; CHEEVER,
Martin, A., for US only; FOY, Teresa, M., for US only;
LODES, Michael, J., for US only; KALOS, Michael, D.,
for US only; MCNEILL, Patricia, D., for US only;
VEDVICK, Thomas, S., for US only
AGENT: CHRISTIANSEN, William, T.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
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	WO 2002014503	A2 20020221
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG	
APPLICATION INFO.:	WO 2001-US41733	A 20010814
PRIORITY INFO.:	US 2000-60/225,152	20000814
	US 2000-60/236,428	20000928
	US 2001-60/270,520	20010221

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly Her-2/neu-associated cancers, are disclosed. Illustrative

compositions comprise one or more Her-2/neu polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of Her-2/neu-associated malignancies.

ABFR L'invention concerne des compositions et des methodes de traitement et de diagnostic de cancers, en particulier les cancers associes a Her-2/neu. Des compositions exemplaires comprennent un ou plusieurs polypeptides Her-2/neu, des parties immunogenes desdits polypeptides, des polynucleotides codant ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques de cellules exprimant ces polypeptides. Les compositions de l'invention sont utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de cancers associes a Her-2/neu.

L10 ANSWER 30 OF 42 PCTFULL COPYRIGHT 2002 Univentio
 ACCESSION NUMBER: 2002012341 PCTFULL ED 20020711 EW 200207
 TITLE (ENGLISH): HER-2/NEU **FUSION PROTEINS**
 TITLE (FRENCH): PROTEINES DE **FUSION** HER-2/NEU
 INVENTOR(S): CHEEVER, Martin, A.; GHEYSEN, Dirk
 PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except US; SMITHKLINE BEECHAM BIOLOGICALS S.A., for all designates States except US; CHEEVER, Martin, A., for US only; GHEYSEN, Dirk, for US only
 AGENT: PARENT, Annette, S.
 LANGUAGE OF PUBL.: English
 LANGUAGE OF FILING: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002012341	A2	20020214
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW		
	GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		

APPLICATION INFO.: WO 2001-US24283 A 20010803
 PRIORITY INFO.: US 2000-09/632,507 20000803

ABEN The present invention is generally directed to Her-2/neu **fusion proteins**, nucleic acid molecules encoding Her-2/neu **fusion proteins**, viral vectors expressing Her-2/neu **fusion proteins**, and pharmaceutical compositions (<i>e.g.</i>, vaccines) comprising the Her-2/neu **fusion proteins** and/or nucleic acid molecules encoding the Her-2/neu **fusion proteins**. The present invention is also directed to methods of treating or preventing cancer by eliciting or enhancing an immune response to the Her-2/neu protein, including for uses in the treatment of malignancies associated with the Her-2/neu oncogene.

ABFR L'invention concerne de nouvelles proteines de **fusion** Her-2/neu, des molecules d'acide nucleique codant pour ces proteines, des vecteurs viraux exprimant ces proteines et des compositions pharmaceutiques (p. ex. des vaccins) renfermant lesdites proteines et/ou les molecules

d'acide nucleique codant pour lesdites proteines. L'invention concerne egalement des methodes de traitement ou de prevention du cancer par le declenchement ou l'amelioration d'une reponse immunitaire a la proteine Her-2/neu, dont le traitement de tumeurs malignes associees a l'oncogene Her-2/neu.

L10 ANSWER 31 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002012331 PCTFULL ED 20020711 EW 200207
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF PANCREATIC CANCER
TITLE (FRENCH): COMPOSITIONS ET PROCEDES SE RAPPORTANT AU TRAITEMENT ET
AU DIAGNOSTIC DU CANCER DU PANCREAS
INVENTOR(S): PYLE, Ruth, A.; XU, Jiangchun; KALOS, Michael, D.
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; PYLE, Ruth, A., for US only; XU, Jiangchun, for US
only; KALOS, Michael, D., for US only
AGENT: POTTER, Jane, E., R.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
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	WO 2002012331	A2 20020214
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG	
APPLICATION INFO.:	WO 2001-US24619	A 20010806
PRIORITY INFO.:	US 2000-60/223,130	20000807
	US 2001-60/265,447	20010130
	US 2001-60/291,201	20010515

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

ABFR La presente invention concerne des compositions et des procedes se rapportant au traitement et au diagnostic du cancer, plus particulierement du cancer du pancreas. Les compositions de l'invention comprennent au moins un polypeptide tumoral pancreatique, certains de ses portions immunogenes, des polynucleotides codant de tels polypeptides, des cellules presentant un antigene qui exprime de tels polypeptides, et des lymphocytes T specifiques de cellules exprimant de tels polypeptides. Les compositions de l'invention conviennent notamment pour le diagnostic, la prevention et/ou le traitement de maladies, et plus particulierement du cancer du pancreas.

L10 ANSWER 32 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002012328 PCTFULL ED 20020711 EW 200207
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF COLON CANCER
TITLE (FRENCH): COMPOSITIONS ET METHODES UTILISEES DANS LA THERAPIE ET
LE DIAGNOSTIC DU CANCER DU COLON
INVENTOR(S): KING, Gordon, E.; MEAGHER, Madeleine, Joy; XU,
Jiangchun; SECRIST, Heather
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; KING, Gordon, E., for US only; MEAGHER, Madeleine,

Joy, for US only; XU, Jiangchun, for US only; SECRIST,
Heather, for US only
AGENT: POTTER, Jane, E., R.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002012328	A2	20020214
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US24218	A	20010731
PRIORITY INFO.:	US 2000-60/223,283		20000803
	US 2001-60/279,763		20010328
	US 2001-60/302,051		20010629

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention concerne des compositions et des methodes utilisees dans la therapie et le diagnostic du cancer, en particulier le cancer du colon. Lesdites compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des parties immunogeniques de ces polypeptides, des polynucleotides codant pour ces polypeptides, une cellule presentatrice de l'antigene exprimant ces polypeptides, et des lymphocytes T specifiques aux cellules exprimant ces polypeptides. Les compositions de l'invention sont utilisees, par exemple, dans le diagnostic, la prevention et/ou le traitement des maladies, en particulier du cancer du colon.

L10 ANSWER 33 OF 42 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2002012280 PCTFULL ED 20020711 EW 200207
TITLE (ENGLISH): COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS
OF COLON CANCER
TITLE (FRENCH): COMPOSITIONS ET PROCEDES POUR LE DIAGNOSTIC ET LE
TRAITEMENT DU CANCER DU COLON
INVENTOR(S): PYLE, Ruth, A.; XU, Jiangchun; SECRIST, Heather
PATENT ASSIGNEE(S): CORIXA CORPORATION, for all designates States except
US; PYLE, Ruth, A., for US only; XU, Jiangchun, for US
only; SECRIST, Heather, for US only
AGENT: POTTER, Jane, E. R.
LANGUAGE OF PUBL.: English
LANGUAGE OF FILING: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2002012280	A2	20020214
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE		

CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF
 BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.: WO 2001-US23826 A 20010730
 PRIORITY INFO.: US 2000-60/223,265 20000803
 US 2000-60/237,406 20001002
 US 2001-60/277,495 20010320
 US 2001-60/302,702 20010703

ABEN Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

ABFR L'invention concerne des compositions et des procedes pour le diagnostic et le traitement du cancer, notamment le cancer du colon. Ces compositions comprennent un ou plusieurs polypeptides de tumeur du colon, des parties immunogenes de ceux-ci, des polynucleotides codant de tels polypeptides, un antigene dont une cellule exprime ces polypeptides, et des lymphocytes T specifiques des cellules exprimant ces polypeptides. Lesdites compositions s'averent utiles, par exemple, pour le diagnostic, la prevention et/ou le traitement de maladies, en particulier le cancer du colon.

L10 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
 ACCESSION NUMBER: 2001:731001 CAPLUS
 DOCUMENT NUMBER: 135:284066
 TITLE: Nucleic acids and proteins associated with human prostate cancer and their uses in therapy and diagnosis
 INVENTOR(S): Xu, Jiangchun; Dillon, Davin C.; Mitcham, Jennifer L.; Harlocker, Susan L.; Jiang, Yuqiu; Kalos, Michael D.; Fanger, Gary Richard; Retter, Marc W.; Stolk, John A.; Day, Craig H.; Vedvick, Thomas S.; Carter, Darrick; Li, Samuel X.; Wang, Aijun; Skeiky, Yasir A. W.; Hepler, William T.; Henderson, Robert A.
 PATENT ASSIGNEE(S): Corixa Corporation, USA
 SOURCE: PCT Int. Appl., 579 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 15
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001073032	A2	20011004	WO 2001-US9919	20010327
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-536857	A 20000327
			US 2000-568100	A 20000509
			US 2000-570737	A 20000512
			US 2000-593793	A 20000613
			US 2000-605783	A 20000627
			US 2000-636215	A 20000810
			US 2000-651236	A 20000829
			US 2000-657279	A 20000906

US 2000-679426 A 20001002
US 2000-685166 A 20001010
US 2000-709729 A 20001109

AB Compns. and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Illustrative compns. comprise one or more prostate-specific polypeptides, immunogenic portions thereof, and polynucleotides that encode such polypeptides as identified by PCR-based cDNA library subtraction. Chromosomal mapping, tissue **expression** profiling, and prepn. of **fusion proteins** (esp. with the **Ra12** portion of the **Mycobacterium tuberculosis** serine protease MTB32A) are carried out. Epitope mapping is carried out on some of the polypeptides (e.g., P501S) to identify immunogenic peptides. Antigen-presenting cells that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides are also provided. The disclosed compns. are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly prostate cancer.

L10 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2
ACCESSION NUMBER: 2001:265565 CAPLUS
DOCUMENT NUMBER: 134:291103
TITLE: Methods of using a **Mycobacterium tuberculosis** coding sequence in gene and protein **fusions** to facilitate stable and high yield **expression** of heterologous proteins
INVENTOR(S): Skeiky, Yasir; Guderian, Jeffrey
PATENT ASSIGNEE(S): Corixa Corporation, USA
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001025401	A2	20010412	WO 2000-US27652	20001006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

AU 2000079972 A5 20010510 AU 2000-79972 20001006
PRIORITY APPLN. INFO.: US 1999-158585P P 19991007
WO 2000-US27652 W 20001006

AB The present invention relates generally to nucleic acid and amino acid sequences of a **fusion** polypeptide comprising a **Mycobacterium tuberculosis** polypeptide, and a heterologous polypeptide of interest, **expression** vectors and host cells comprising such nucleic acids, and methods for producing such **fusion** polypeptides. In particular, the invention relates to materials and methods of using such M. tuberculosis sequence as a **fusion** partner to facilitate the stable and high yield **expression** of recombinant heterologous polypeptides of both eukaryotic and prokaryotic origin. A 14 kD C-terminal fragment (referred to as **Ra12**) of the **Mycobacterium tuberculosis** serine protease MTB32A can be expressed as a sol. protein. Use of the **Ra12** sequences as a **fusion** partner is illustrated with construction of **expression** vectors, **expression** in *Escherichia coli*, and protein purifn. of a (His-tag) **Ra12-DPPD fusion protein**. Antiserum raised against the

Ra12-DPPD fusion protein recognized the DPPD protein in immunoblotting anal. **Ra12-WT1, Ra12-mammaglobin, and Ra12-H9-32A fusion proteins** were also constructed and shorter or longer **Ra12** sequences were fused with full length human mammaglobin gene sequences.

L10 ANSWER 36 OF 42 USPATFULL

ACCESSION NUMBER: 2001:226754 USPATFULL

TITLE: Compositions and methods for therapy and diagnosis of prostate cancer

INVENTOR(S): Xu, Jiangchun, Bellevue, WA, United States
Dillon, Davin C., Redmond, WA, United States
Mitcham, Jennifer L., Redmond, WA, United States
Harlocker, Susan L., Seattle, WA, United States
Yuqiu, Jiang, Kent, WA, United States
Reed, Steve G., Bellevue, WA, United States
Kalos, Michael D., Seattle, WA, United States
Fanger, Gary R., Mill Creek, WA, United States
Retter, Marc W., Bellevue, WA, United States
Stolk, John A., Bothell, WA, United States
Day, Craig H., Seattle, WA, United States

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6329505	B1	20011211
APPLICATION INFO.:	US 1999-439313		19991112 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-352616, filed on 13 Jul 1999 Continuation-in-part of Ser. No. US 1999-288946, filed on 9 Apr 1999 Continuation-in-part of Ser. No. US 1999-232149, filed on 15 Jan 1999 Continuation-in-part of Ser. No. US 1998-159812, filed on 23 Sep 1998 Continuation-in-part of Ser. No. US 1998-115453, filed on 14 Jul 1998 Continuation-in-part of Ser. No. US 1998-30607, filed on 25 Feb 1998 Continuation-in-part of Ser. No. US 1998-20956, filed on 9 Feb 1998 Continuation-in-part of Ser. No. US 1997-904804, filed on 1 Aug 1997 Continuation-in-part of Ser. No. US 1997-806099, filed on 25 Feb 1997, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Marschel, Ardin H.		
ASSISTANT EXAMINER:	Zhou, Shubo		
LEGAL REPRESENTATIVE:	Seed Intellectual Property Law Group PLLC		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	4247		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions and methods for the therapy and diagnosis of cancer, such as prostate cancer, are disclosed. Compositions may comprise one or more prostate-specific proteins, immunogenic portions thereof, or polynucleotides that encode such portions. Alternatively, a therapeutic composition may comprise an antigen presenting cell that expresses a prostate-specific protein, or a T cell that is specific for cells expressing such a protein. Such compositions may be used, for example, for the prevention and treatment of diseases such as prostate cancer. Diagnostic methods based on detecting a prostate-specific protein, or mRNA encoding such a protein, in a sample are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:526194 CAPLUS
 DOCUMENT NUMBER: 135:117956
 TITLE: Nucleic acids and polypeptides for the therapy and diagnosis of human prostate cancer
 INVENTOR(S): Xu, Jiangchun; Dillon, Davin C.; Mitcham, Jennifer L.; Harlocker, Susan L.; Jiang, Yuqiu; Reed, Steven G.; Kalos, Michael D.; Fanger, Gary Richard; Day, Craig H.; Retter, Marc W.; Stolk, John A.; Skeiky, Yasir A. W.; Wang, Aijun; Meagher, Madeleine Joy
 PATENT ASSIGNEE(S): Corixa Corporation, USA
 SOURCE: PCT Int. Appl., 543 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 15
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001051633	A2	20010719	WO 2001-US1574	20010116
WO 2001051633	A3	20020620		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-483672 A 20000114

AB Compns. and methods for the therapy and diagnosis of cancer, particularly prostate cancer, are disclosed. Several hundred prostate-specific polynucleotides (and their encoded polypeptides) are isolated from human prostate tumor cDNA libraries by cDNA library subtraction, PCR-based subtraction, electronic subtraction, and microarray anal. Illustrative compns. comprise one or more prostate-specific polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen-presenting cells that express such polypeptides, and T cells that are specific for cells expressing such polypeptides. Recombinant systems are described for the **expression** of such prostate-specific polypeptides in Escherichia coli, baculovirus, Saccharomyces cerevisiae, and mammalian cells. The disclosed compns. are useful, for example, in the diagnosis, prevention, and/or treatment of diseases, particularly prostate cancer.

L10 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:417155 CAPLUS
 DOCUMENT NUMBER: 135:45174
 TITLE: Antigenic compounds and methods for treatment and diagnosis of Chlamydial infection
 INVENTOR(S): Probst, Peter; Bhatia, Ajay; Skeiky, Yasir A. W.; Fling, Steven P.; Scholler, John
 PATENT ASSIGNEE(S): Corixa Corporation, USA
 SOURCE: PCT Int. Appl., 293 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001040474	A2	20010607	WO 2000-US32919	20001204
WO 2001040474	A3	20020307		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-454684 A 19991203
 US 2000-556877 A 20000419
 US 2000-598419 A 20000620

AB Compds. and methods for the diagnosis and treatment of Chlamydial infection are disclosed. The compds. provided include polypeptides that contain at least one antigenic portion of a Chlamydia antigen and DNA sequences encoding such polypeptides from Chlamydia trachomatis and C. pneumoniae isolated using retroviral **expression** vector systems and subsequent immunol. anal. and epitope mapping. Pharmaceutical compns. and vaccines comprising such polypeptides or DNA sequences are also provided, together with antibodies directed against such polypeptides. Diagnostic kits contg. such polypeptides or DNA sequences and a suitable detection reagent may be used for the detection of Chlamydial infection in patients and in biol. samples. In particular, **fusion proteins** are constructed from the Chlamydial proteins PmpA, PmpF, PmpH, PmpB, and PmpC fused with amino acid residues 192-323 of the Ra2 MTB32A serine proteinase from **Mycobacterium tuberculosis**.

L10 ANSWER 39 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: ABA92266 DNA DGENE

TITLE: Her-2/neu **fusion protein** for treating or preventing cancer by eliciting or enhancing an immune response to the protein, has Her-2/neu extracellular domain fused to Her-2/neu intracellular or phosphorylation domain -

INVENTOR: Cheever M A; Gheysen D

PATENT ASSIGNEE: (CORI-N)CORIXA CORP.

(SMIK) SMITHKLINE BEECHAM BIOLOGICALS.

PATENT INFO: WO 2002012341 A2 20020214 141p

APPLICATION INFO: WO 2001-US24283 20010803

PRIORITY INFO: US 2000-632507 20000803

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: 2002-241743 [29]

AN ABA92266 DNA DGENE

AB The present sequence is that of primer **Ra12**.JC06, which contains a 5' NcoI site and which was used, with primer **Ra12**.JC05 (see ABA92265), in the PCR amplification of an **Ra12** sequence. **Ra14** is a 14 kDa C-terminal fragment of the **Mycobacterium tuberculosis** MTB32A coding sequence, which is expressed at high levels and remains soluble throughout purification. It is useful as a **fusion** partner, facilitating the stable and high yield **expression** of recombinant **fusion proteins**. In the present case, the **Ra12** PCR product was used to prepare a DNA construct encoding **Ra12** fused to a polypeptide comprising the extracellular and phosphorylation domains of mouse Her-2/neu, plus a C-terminal 6 x histidine tag. This was expressed in Escherichia coli B:21(DE3) CodonPlus-RIU cells. The present invention provides Her-2/neu **fusion proteins**, nucleic acids encoding them, viral vectors, and vaccines comprising the **fusion proteins** or nucleic acid molecules. These are useful for inhibiting the development of a cancer, especially breast, ovarian, colon, lung or prostate cancer, in a patient.

L10 ANSWER 40 OF 42 DGENE (C) 2002 THOMSON DERWENT

ACCESSION NUMBER: ABA92265 DNA DGENE

TITLE: Her-2/neu **fusion protein** for treating or

preventing cancer by eliciting or enhancing an immune response to the protein, has Her-2/neu extracellular domain fused to Her-2/neu intracellular or phosphorylation domain -

INVENTOR: Cheever M A; Gheysen D
PATENT ASSIGNEE: (CORI-N)CORIXA CORP.
(SMIK) SMITHKLINE BEECHAM BIOLOGICALS.
PATENT INFO: WO 2002012341 A2 20020214 141p
APPLICATION INFO: WO 2001-US24283 20010803
PRIORITY INFO: US 2000-632507 20000803
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 2002-241743 [29]

AN ABA92265 DNA DGENE
AB The present sequence is that of primer **Ra12**.JC05, which contains a 5' NcoI site and which was used, with primer **Ra12**.JC06 (see ABA92266), in the PCR amplification of an **Ra12** sequence. **Ra14** is a 14 kDa C-terminal fragment of the **Mycobacterium tuberculosis** MTB32A coding sequence, which is expressed at high levels and remains soluble throughout purification. It is useful as a **fusion** partner, facilitating the stable and high yield **expression** of recombinant **fusion proteins**. In the present case, the **Ra12** PCR product was used to prepare a DNA construct encoding **Ra12** fused to a polypeptide comprising the extracellular and phosphorylation domains of mouse Her-2/neu, plus a C-terminal 6 x histidine tag. This was expressed in *Escherichia coli* B:21(DE3) CodonPlus-RIU cells. The present invention provides Her-2/neu **fusion proteins**, nucleic acids encoding them, viral vectors, and vaccines comprising the **fusion proteins** or nucleic acid molecules. These are useful for inhibiting the development of a cancer, especially breast, ovarian, colon, lung or prostate cancer, in a patient.

L10 ANSWER 41 OF 42 DGENE (C) 2002 THOMSON DERWENT
ACCESSION NUMBER: AAZ20206 DNA DGENE
TITLE: New **fusion proteins** useful for diagnosis, prevention and treatment of tuberculosis -
INVENTOR: Skeiky Y A W; Alderson M; Campos-Neto A
PATENT ASSIGNEE: (CORI-N)CORIXA CORP.
PATENT INFO: WO 9951748 A2 19991014 83p
APPLICATION INFO: WO 1999-US7717 19990407
PRIORITY INFO: US 1998-56556 19980407
US 1998-223040 19981230
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1999-601610 [51]

AN AAZ20206 DNA DGENE
AB This DNA sequence includes a coding region for a recombinant **Mycobacterium tuberculosis** bi-antigen **fusion protein** (see AAY32071), termed Mtb24, composed of the antigens **Ra12** and DPPD. The DNA is useful for the recombinant production of the **fusion protein**. Coding sequences for the antigens were modified by PCR in order to facilitate their **fusion** and subsequent **expression** of the **fusion protein**, and then ligated. The invention provides **fusion proteins** (see AAY32059-71) containing at least 2 *M. tuberculosis* antigens. The new **fusion proteins** and polynucleotides encoding them are useful as vaccines for preventing tuberculosis (claimed), for diagnosis (via in vitro assays or intradermal skin tests for detection of anti-*M. tuberculosis* antibodies), monitoring of disease progression, and treatment of tuberculosis. They are more effective immunogens than mixtures of the individual protein components.

L10 ANSWER 42 OF 42 DGENE (C) 2002 THOMSON DERWENT
ACCESSION NUMBER: AAZ20194 DNA DGENE
TITLE: New **fusion proteins** useful for diagnosis,

prevention and treatment of tuberculosis -
INVENTOR: Skeiky Y A W; Alderson M; Campos-Neto A
PATENT ASSIGNEE: (CORI-N)CORIXA CORP.
PATENT INFO: WO 9951748 A2 19991014 83p
APPLICATION INFO: WO 1999-US7717 19990407
PRIORITY INFO: US 1998-56556 19980407
US 1998-223040 19981230
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: 1999-601610 [51]
AN AAZ20194 DNA DGENE
AB This DNA sequence includes a coding region for a recombinant
Mycobacterium tuberculosis tri-antigen fusion
protein (see AAY32059), termed Mtb32A, composed of the antigens
Ra12, TbH9 and Ra35. The DNA is useful for the recombinant
production of the **fusion protein**. Coding sequences
for the antigens were modified by PCR in order to facilitate their
fusion and subsequent **expression** of the **fusion**
protein. 3 Coding sequences for **Ra12**, TbH9 and Ra25
were ligated to encode Mtb32A. The invention provides **fusion**
proteins (see AAY32059-71) containing at least 2 M. tuberculosis
antigens. The new **fusion proteins** and
polynucleotides encoding them are useful as vaccines for preventing
tuberculosis (claimed), for diagnosis (via in vitro assays or intradermal
skin tests for detection of anti-M. tuberculosis antibodies), monitoring
of disease progression, and treatment of tuberculosis. They are more
effective immunogens than mixtures of the individual protein components.

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